



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAAPURA

***Name of Work: Modified Estimate for
Improvements to Roads and Drains at
Doddabommasandra Old Village in ward no 10
Vidyaranyapura Sub Division.***

Estimated Cost: Rs: 15.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Improvements to Roads and Drains at Doddabommasandra Old Village in ward no 10 Vidyaranyapura Sub Division.

		Estimate Cost:						1500000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 152 / Item No. 19.2 / PWD SR 2013-14	Cum							
	For CC Road KNE College Backside		1	55.00	5.60	0.15	46.20		
	KNE College Front Gate		1	45.00	5.20	0.10	23.40		
	KNE College Back Gate		1	61.00	3.50	0.10	21.35		
							91.56	90.72	8306.00
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	90.72							
2	KSRRB M300-53: Construction of embankment with approved material gravel/murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murum, watering charges & compaction by vibratory roller) MORTH specification No. 305, No. 159 / Item No. 19.60 / PWD SR 2013-14	Cum							
	For CC Road KNE College Backside		1	55.00	5.60	0.20	61.60		
	KNE College Front Gate		1	45.00	5.20	0.20	46.80		
	KNE College Back Gate		1	61.00	3.50	0.20	42.40		
							150.80	163.24	24617.00
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	163.24							
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, coarse aggregates @ 0.85 cum and fine aggregates @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No. 12 / Item No. 4.3 PWD SR - 2013-14	Cum							
	For CC Road KNE College Backside		1	55.00	5.60	0.15	46.00		
	KNE College Front Gate		1	45.00	5.20	0.15	35.10		

Sadha
AE

Pu
Assistant Executive Engineer
Vidyaranyapura Sub Division
BRMP, Bangalore - 97

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	KNE College Back Gate		1	61.00	3.50	0.15	32.00		
							113.10	4290.84	485294.00
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	4290.84							
4	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 251 / Item No. 31.3 PWD SR 2013-14	M							
			7	5.60			39.20		
			6	5.20			31.20		
			8	3.50			26.50		
							96.90	137.16	13291.00
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	137.16							
5	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14	Cum							
	For CC Road KNE College Backside		1	55.00	5.60	0.15	46.00		
	KNE College Front Gate		1	45.00	5.20	0.15	35.10		
	KNE College Back Gate		1	61.00	3.50	0.15	32.00		
							113.10	6464.88	731178.00
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	6464.88							
6	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift No. 190 / Item No. 22.7/ PWD SR 2013-14	Sqm							
	For CC Road KNE College Backside		1	55.00	5.60		308.00		
	KNE College Front Gate		1	45.00	5.20		234.00		
	KNE College Back Gate		1	61.00	3.50		212.00		
							754.00	91.80	69217.00
	Basic Rate	85.00							
	Area Weightage @ 8%	6.80							
	Total	91.80							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Load for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
					Vide Item No. 1	91.65	72.71	6663.00
Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
Add loading and unloading Vide item no.17.1 P.no.141	62.20							
	67.32							
Area Weightage @ 8%	5.39							
Total	72.71							
8 Sub Total								1338574.00
9 KRIDL Service Charges and Applicable Taxes @ 11%								147243.00
10 For Third Part QC Inspection Charges @ 1% of Estimate Cost								13386.00
11 Miscellaneous and other Charges	L/S							797.00
							Total	1500000.00

(Rs. Fifteen Lakhs Only)

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per P.W.D S.R of 2013-14.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Zadhar
Assistant Engineer

[Signature]
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyanarayana Sub Division
BBMP, Bangalore - 97

[Signature]
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyanarayana Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

New Technical Sanction.
15.00 lakhs
Fifteen lakhs only.
EE/BTP/4071 13-14
Registered as EE (BTP) subject to conditions contained enclosed memo.
No: _____
Dr. _____
AE/JE
EE (BTP.Div.)

NAME OF WORK:-

M20 0.15m thick

M7.5 0.15 thick

CROSS-SECTION OF CC ROAD

INDEX

M7.5 0.15m Thick

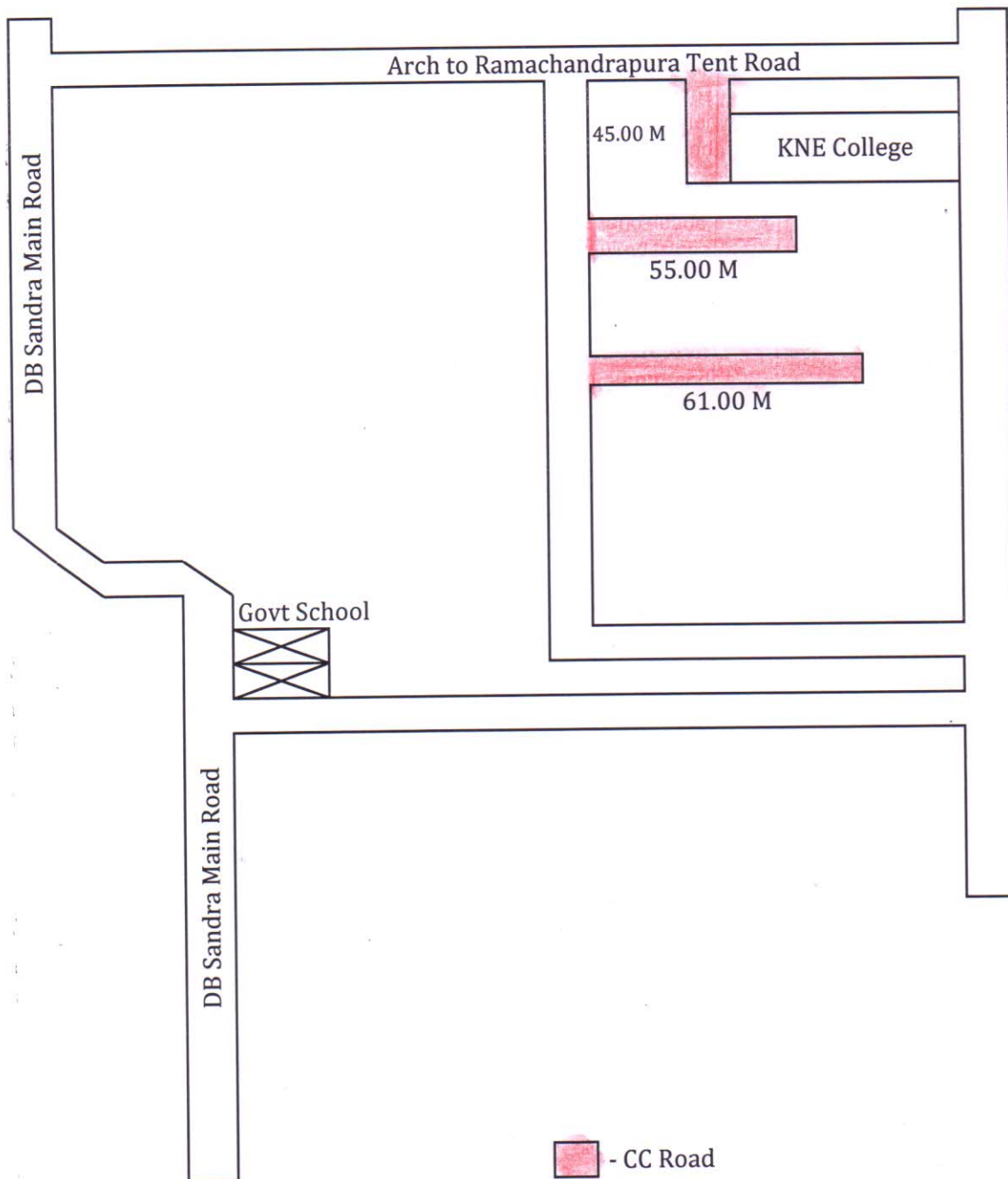
M20 0.15m Thick

Zaidan
ASSISTANT ENGINEER

Sub

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sketch Showing the Work For Improvements to Roads and Drains at Doddabommasandra Old Village in Ward No. 10 Vidyaranyapura Sub Division.



Sadhas
Assistant Engineer
Ward No. 10

Free
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97